

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS OF PRODUCING DIFFERENTIATED HEMATOPOIETIC CELLS FOR TREATMENT OF CYTOPENIA

which is described and claimed in:

☐ the specification attached hereto.

☐ the specification in U.S. Application Serial Number \_\_\_\_\_, filed on \_\_\_\_\_.

☒ the specification in PCT international application Number, PCT/US04/21637 filed on July 6, 2004.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<b>Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120</b>					
<b>U.S. Applications</b>			<b>Status (Check One)</b>		
<b>Application Serial No.</b>	<b>U.S. Filing Date</b>		<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
<b>PCT Applications Designating the U.S.</b>					
<b>Application No.</b>	<b>Filing Date</b>	<b>U.S. Serial No. Assigned</b>			

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
Peter J. Quesenberry	60/485,509	July 6, 2003
Peter J. Quesenberry	60/485,607	July 7, 2003

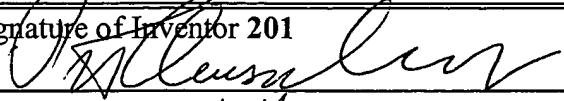
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874**  
**Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205**

<b>SEND CORRESPONDENCE TO:</b> <b>Jennifer K. Rosenfield</b> Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	<b>DIRECT TELEPHONE CALLS TO:</b>  Jennifer K. Rosenfield  Tel: 617/439-4444
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2 0 1	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		<b>Quesenberry</b>	<b>Peter</b>	<b>J.</b>
		<b>Providence</b>	<b>RI</b>	<b>US</b>
		<b>400 Cole Avenue</b>	<b>Providence</b>	<b>RI 02906</b>
2 0 2	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 3	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 4	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 	Signature of Inventor 202
Date: 8/4/04	Date:
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

**PCT**

**POWER OF ATTORNEY**

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):  
(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Peter J. Quesenberry  
400 Cole Avenue  
Providence, RI 02906

hereby appoints (appoint) the following person as: ☒ agent ☐ common representative

David G. Conlin	(Reg. No. 27,026)	Christine C. O'Day	(Reg. No. 38,256)	Peter J. Manso	(Reg. No. 32,264)
George W. Neuner	(Reg. No. 26,964)	Lisa Swiszc Hazzard	(Reg. No. 44,368)	Barry Kramer	(Reg. No. 20,622)
Linda M. Buckley	(Reg. No. 31,003)	David A. Tucker	(Reg. No. 27,840)	John J. Penny, Jr.	(Reg. No. 36,984)
Peter F. Corless	(Reg. No. 33,860)	George W. Hartnell, III	(Reg. No. 42,639)	Howard M. Gitten	(Reg. No. 32,138)
Peter J. Manus	(Reg. No. 26,766)	John B. Alexander	(Reg. No. 48,399)	J. Mark Konieczny	(Reg. No. 47,715)
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Jeffrey D. Hsi	(Reg. No. 40,024)	Meghan M. Makary	(Reg. No. 51,988)	Margaret J. McLaren	(Reg. No. 53,303)
Marla Tocker	(Reg. No. 54,493)				

Of Edwards & Angell, LLP  
P.O. Box 55874  
Boston, MA 02205

to represent the undersigned before  
Authorities

☒ all the competent International

only

☐ the International Searching Authority

☐ the International Preliminary Examining  
Authority only

in connection with the international application identified below:

Title of the invention: **METHODS OF PRODUCING DIFFERENTIATED  
HEMATOPOIETIC CELLS FOR TREATMENT OF  
CYTOPENIA**

Applicant's or agent's file reference: 59441-PCT

International application number (if already available): PCT/US04/21637

filed with the following Office RO/US as receiving Office and to make or receive payments on behalf  
of the undersigned.

**PCT**

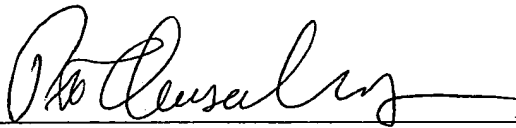
**POWER OF ATTORNEY**

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

Continuation Sheet (Page 2 of 2)

**Signature of the applicant(s)** *(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):*



**Peter J. Quesenberry as Inventor-Applicant**

Date 8/4/04